PM 2.5 MONITORING FORUM
MARCH 16-17, 1998
EXPANDED AGENDA

		PARTICIPANTS
Day 1		Moderator (J.Cook)
I.	**Introduction**	
	1:00 - 1:15 pm	Mike Scheible Cynthia Marvin
II.	**AQ History**	
	1:15 - 2:30 pm	
	* Background	Dr. Karlyn Black
	* Network description, data profiles, elemental composition, PM2.5 trends	Mike Poore
	* Intensive Studies-background	Tony VanCuren
	* Intensive Study-IMS95	Karen Magliano
	* Intensive Study-PTEP	Mel Zeldin
	* PM2.5 Monitoring Network-IMPROVE	Prof. Tom Cahill
	* Questions (time permitting)	
III.	**Network Plan Panel**	
	2:30 - 5:30 pm	
	* Regulation	Bob Pallarino
	Break	
	* Plan Development	Kasia Turkiewicz Mel Zeldin Mike Basso Dave Jones
	* Public Discussion	

Day 2		Moderator (Dr. John Holmes)
I.	**Agency Panel**	
	8:30 - 10:00 am	
	U.S. EPA/OAQPS	Dr. Richard Scheffe
	OEHHA	Dr. Bart Ostro
	ARB/RD	Dane Westerdahl
	SCAQMD	Mel Zeldin
	SJVUAPCD	Dave Jones
	BAAQMD	Avi Okin
	ARB/TSD	Andrew Ranzieri
	ARB/EO	Dean Saito
	Break	

II. **Stakeholders Comments**
10:20 - 11:30 am

Cindy Tuck, CCEEB
Cathy Reheis, WSPA
Earl Withycombe, ALA
Audience

III. **Lunch**
11:30 am - 12:45 pm

IV. **Expert Panel**
1:00 - 4:00 pm
Dr. Lowell Ashbaugh, U.C. Davis
Prof. Thomas Cahill, U.C. Davis
Prof. Steve Colome, UCLA
Dr. Robert Farber, Southern California Edison
Dennis Fitz, CE-CERT, U.C. Riverside
Prof. Eric Fujita, Desert Research Institute
Dr. Susanne Hering, Aerosol Dynamics Incorporated
Prof. Mark Jacobson, Stanford University
Dr. Walter John, Particle Science
Fred Lurmann, Sonoma Technology Incorporated
Dr. Pradeep Saxena, EPRI

Agreed to provide written comments (unable to attend)
Prof. Glen Cass, California Institute of Technology
Prof. Judy Chow, Desert Research Institute
Prof. John Watson, Desert Research Institute

PM2.5 EXPERT PANEL
ROUNDTABLE TOPICS

Dr. John Holmes - Moderator
Tuesday, March 17, 1998
1:00 - 4:00 pm

1:00-1:30 pm

I. ***General Comments*** (including PM2.5 Network Plan)
Lead-off Panel Members: Show of hands

1:30-2:00

II. Types of Air Quality Information Needed for:
Health Studies
Lead-off Panel Members: Colome, Cahill, Lurmann

2:00-2:30

III. Types of Air Quality Information Needed for:
Public Notification and Forecasting
Lead-off Panel Members: Farber, Ashbaugh

2:30-3:00

IV. Types of Air Quality Information Needed for:
Special Studies versus Standing Air Monitoring Networks
Lead-off Panel Members: Hering, John, Fitz, Ashbaugh

3:00-3:30

V. Types of Air Quality Information Needed for:
Data Analysis (designations, atmospheric processes, transport assessments, trends)
Lead-off Panel Members: Cahill, Fujita, Saxena

3:30-4:00

VI. Types of Air Quality Information Needed for:
Modeling and Emission Inventory Assessment
Lead-off Panel Members: Jacobson, Lurmann, Saxena, Fujita

A. The above topics should include a discussion of the following (when relevant):

Mass Measurement
Sampling frequency
Real-time mass measurement
Upper-air measurement
PM Speciation
Types of species needed
Frequency of speciation
Real-time speciation
Upper-air measurements
Measurement Accuracy
Meteorological Data
Surface measurements
Upper-air measurements

B. Items to consider in establishing priorities for monitoring:

- Expanded network for a few parameters *versus* limited network of expanded parameters
- Intense 'Supersite' monitoring *versus* augmentations at decentralized sites
- 24-hour-average *versus* hourly average samples

- High-concentration *versus* population-oriented siting
- Background/transport *versus* population-oriented siting
- Regulatory compliance *versus* health-oriented and other sites
- Fixed site *versus* personal exposure monitors

- Automated *versus* filter-based measurement
- Mass surrogates *versus* gravimetric analyses
- Mass *versus* species measurements
- Size distribution *versus* mass measurements
- Research-grade *versus* approved samplers
- Saturation *versus* fixed-site sampling
- Seasonal *versus* year-around monitoring

- PM10 *versus* PM2.5 mass measurements
- Visibility *versus* mass measurements
- Source measurements of precursor gases *versus* ambient particle measurements
- Air quality *versus* meteorological measurement